

BIBLIOGRAPHICAL RECORD.

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Corrections of errors and notices of omissions are solicited.

Chambers, Vactor Tousey. Annual address of . . . President Cincinnati society of natural history. (Journ. Cinc. soc. nat. hist., July 1879, v. 2, no. 2, p. . . , 1 pl.)

Separate, with t-p. cover, Cincinnati, Ohio, 1879, 22 p., 1 pl., 22.5 × 15.5, t 17 × 10.6.

The metamorphoses of insects as illustrated in the tineid genus *lithocleitis* of Zeller. *G: D.* (1805)

Curelio, Padded mallets for the. (Cultivator and country gent., 3 June 1880, v. 45, no. 1427, p. 358, col. 3-4, 8 cm.)

Inefficiency of padded mallets as recommended by Prof. A. J. Cook in *N. Y. Tribune*; recommends striking with an axe or stone-hammer on an iron plug set in the tree. *J. D. P.* (1806)

Current worms. (Cultivator and country gent., 10 June 1880, v. 45, no. 1428, p. 376, col. 1, 9 cm.)

Directions for killing currant worms [*nematus*] by dusting the leaves with hellebore when the dew is on them. *J. D. P.* (1807)

Cyanide of potassium. (Science, 3 July 1880, v. 1, no. 1, p. 12, 7.5 cm.)

Directions for making the compound (*K C N*). *B: P. M.* (1808)

Cypriote bees and honey. (New remedies, July 1880, v. 9, p. 224, 5 cm.)

Efforts to be made to bring Cyprian bees, in large numbers, to America. *G: D.* (1809)

Darwin, C. Die geschlechtlichen Färbungen gewisser Schmetterlinge. (Kosmos [Leipzig], April 1880, bd. 7, p. 72-74, 72 cm.)

The change of color in *diadema bolina* and in a species of *apatura* when viewed from different directions, and the significance of this change. *G: D.* (1810)

Deschange, Émile. Le chlourure de calcium. (Feuille des jeunes naturalistes, April 1880, an. 10, p. 83.)

The author employs calcic chloride [Ca Cl₂] in boxes, in his collection of insects, to prevent damage by moisture. *G: D.* (1811)

Devereaux, Willard Loomis. Methods of destroying the tobacco worm. (Rural new yorker, 29 May 1880, v. 39, no. 22, p. 342-344, 52 cm.)

Habits of *macrosila carolina*. Recommends cultivation of *oenothera lamarkiana*, *o. biennis*, and *datura stramonium*, and capturing the moths attracted thereby. Methods of killing moths and picking the worms. Worms destroyed by turkeys and skunks. Possible benefit from yeast fungus remedy. Use of poisons not recommended. *J. D. P.* (1812)

Dodge, S. C. Monstrosities among bees. (Amer. bee journ., 1879, v. 15, p. 498.)

Many cases of so called hermaphroditism are given. Each insect is described in detail. *A. J. C.* (1813)

[**Eaton**, Alfred Edwin.] Early stages of *ephemeridae*. (Can. entom., Feb. 1880, v. 12, p. 40.) Request for specimens. *G: D.* (1814)

Edwards, W. II: Ueber das Erziehen der Tagfalter aus Eiern [PSYCHE, Rec., no. 1584]. Reprint. (Entom. Nachrichten, 15 March 1880, jahrg. 6, p. 59.)

G: D. (1815)

Edwards, W. II: Migration of butterflies. (Can. entom., Feb. 1880, v. 12, p. 39-40.) Quotes a letter by J. E. Willet, of Macon, Ga., in relation to migrations of *callidryas cubile* in Georgia and Alabama. *G: D.* (1816)

Edwards, W. H: On certain species of *satyrus*. (Can. entom., Feb. 1880, v. 12, p. 21-32; March 1880, v. 12, p. 51-55; April 1880, v. 12, p. 90-94; May 1880, v. 12, p. 109-115.)

Considers the varieties and geographical distribution of the U. S. species of *satyrus*, and divides the 12 species into 3 groups. Regards *s. slope* and *s. nephela* as dimorphic forms of *s. slope*; form *slope* with varieties *texana* and *maritima*; form *nephela* with variety *incana* and with subspecies *olympus* and *boopis*. *G: D.* (1817)

Edwards, W. II: Description of preparatory stages of *argynnis alcestis*, Edw. (Can. entom., April 1880, v. 12, p. 69-74.)

Describes egg, larva and chrysalis of *a. alcestis*; comparison with other species of *argynnis*; discussion of the question whether to call the head the first segment in describing lepidopterous larvae. *G: D.* (1818)

Edwards, W. II: Description of the preparatory stages of *grapta progne*, Cramer. (Can. entom., Jan. 1880, v. 12, p. 9-14.)

Describes egg, larva and chrysalis. *G: D.* (1819)

Electrical insects. (Science, 3 July 1880, v. 1, no. 1, p. 5, 8 cm.)

Reduvius serratus, an elaterid, and a large hairy lepidopterous caterpillar cause electric shocks upon being touched. *B: P. M.* (1820)

Emerton, James H: Breeding habits of spiders. (Amer. nat., Aug. 1880, v. 14, p. 595, 1 fig.)

Mode of sexual union in *xysticus*. *G: D.* (1821)

[Entomological society of Ontario.] At the Centennial. The exhibit of the Entomological society of Ontario, Canada. ([N. Y.] d. graphie, 26 Sept. 1876, v. 11, p. 594-595, il.)

Figures 14 species of insects. Organization of the Entom. Soc. Ontar., its officers and publications.

G: D. (1822)

Euphorbium as a protective of iron and steel. (Scientific amer. suppl., . . .) (New remedies, May 1880, v. 9, p. 145, 18 cm.)

Gun of *euphorbia* used in Africa to protect iron from rust and for protecting articles from white ants.

G: D. (1823)

Fabre, J. H. Souvenirs entomologiques: . . . [PSYCHE, Rec., no. 1588].

Rev. by C. Robert Osten Sacken, entitled, "Souvenirs entomologiques . . . (Entom. Zeitung . . . zu Stettin, April-June 1880, Jahrg. 41, p. 136-138.)

G: D. (1824)

Faucon, L. Résultat des recherches faites dans le but de trouver l'origine des réinvasions estivales du phylloxéra. (Comptes rendus, 27 Oct. 1879, v. 89, p. 693-696.)

Crit rev. by P. de Lafitte, entitled, "Sur les causes de la réinvasion des vignobles phylloxérés." (Comptes rendus, 17 Nov. 1879, v. 89, p. 847-850.)

" . . . One of the causes of these re-invasions is the spreading of the insect on the surface of the ground; a second cause, and perhaps the most important, is the transportation of the insect by the wind; finally, the author sees a third cause in the eggs which come from the sexual insects." — *Rev. scientifique*, 8 Nov. 1879, p. 454.

M. Faucon's paper is followed (p. 696-697) by remarks by M. Fremy and by the secretary of the Academy [Jean Baptiste Dumas].

G: D. (1825)

Faucon, L. Résultat des recherches faites dans le but de trouver l'origine des réinvasions du phylloxéra. (Comptes rendus, 3 Nov. 1879, v. 89, p. 738-744.)

Notice. (Athenaeum, 29 Nov. 1879, p. 699, col. 1, 4 cm.)

Abstract. (Mo. journ. sci., Dec. 1879, s. 3, v. 1, p. 82L.)

G: D. (1826)

Field, Fanny. [Lice on chickens.] (Prairie farmer, 12 June 1880, v. 51, no. 24, p. 187, col. 3, 38 cm.)

Whitewashing, fumigating with sulphur, washing with kerosene, cleanliness and "eternal vigilance," etc., recommended for the destruction of lice on chickens.

J. D. P. (1827)

Fletcher, James. Entomology for beginners. (Can. entom., Feb. 1880, v. 12, p. 32-35.)

General remarks on entomology; describes and figures *calosoma calidum* and *c. scrutator*.

G: D. (1828)

Fletcher, James. Nature-printed butterflies. (Can. entom., Jan. 1880, v. 12, p. 1-3.) (Annual rept. entom. soc. Ontar. for 1879, 1880, p. 88-89.)

Mode of transferring the scales of butterflies' wings to paper to form a cabinet of figures of butterflies.

G: D. (1829)

Graef, E. L. *Cortyna nebris* Guén., var. *g. nitela* Guén. (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 7.)

Reasons for considering these two forms as only color varieties of one species.

F. G: S. (1830)

Graef, E. L. Some notes on *arelia figurata* Dru. (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 3-4.)

Larvae fed on *taraxacum*; imagos obtained from them varied in color and markings of hind wings, as is usual among arctians, while forewings did not vary; suggests the specific identity of some supposed distinct species.

F. G: S. (1831)

Insect devastations in America. (Journ. applied sci., April 1879, v. 10, p. 58-59, 20 cm.) Statistics taken from the *Scientific american*.

G: D. (1832)

Lafitte, P. de. Sur les causes, de la réinvasion des vignobles phylloxérés. (Comptes rendus, 17 Nov. 1879, v. 89, p. 847-850.)

Crit. rev. of L. Faucon's "Résultat des recherches faites dans le but de trouver l'origine des réinvasions estivales du phylloxéra" (Comptes rendus, 27 Oct. 1879, v. 89, p. 633-636) [PSYCHE, Rec., no. 1825].

G: D. (1833)

Langstroth, L. L. Comb-honey. A cure for consumption. (Amer. bee journ., 1879, v. 15, p. 65.)

Cases are given where a speedy cure of consumption was effected by eating linden honey.

A. J. C. (1834)

Middlesex scientific field club, Malden, Mass. [Proceedings for 4 June 1879.] Amer. nat., Aug. 1879, v. 13, p. 537-538.)

Note by H. L. Moody on breeding the larva of *caphnochroa fuliginosa*.

G: D. (1835)

Osten Sacken, C. Robert. Souvenirs entomologiques; études sur l'instinct et les mœurs des insectes, par J. H. Fabre . . . (Entom. Zeitung . . . zu Stettin, April-June 1880, Jahrg. 41, p. 136-138.)

Rev. of Fabre's above-mentioned work [PSYCHE, Rec., no. 1588].

G: D. (1836)

Schaupp, Frank G. [Hints for collecting *elateridae* and *coprophagous coleoptera*.] (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 7.)

F. G: S. (1837)

Schaupp, Frank G. Larva of *dicaelus dilatatus*. (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 3, fig. 1.)

Superficial description of the larva, with poor woodcuts, and biological statements.

F. G: S. (1838)

Schaupp, Frank G. Raising beetles in captivity. (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 2-3.)

Account of keeping *cicindela* and *carabidae* in breeding cages.

F. G: S. (1839)

Schaupp, Frank G. Synoptic table of the genus *elaphrus* Latr. (Bull. Brooklyn entom. soc., May 1878 [v. 1], p. 6.)

Based upon G. R. Crotch's table published in G. H. Horn's "Synoptic tables . . ." (Trans. amer. entom. soc., Dec. 1876, v. 5, p. 246) [PSYCHE, Rec., no. 184], with insertion of two other species and addition of bibliography.

F. G: S. (1840)